

Name: Ana Lopena

Date: March 23, 2011

CORNELL NOTETAKING

<u>Key Words</u>	<u>Main Ideas/Supporting Ideas</u>
1. Used wheel for transportation	<ul style="list-style-type: none">• used in Mesopotamia c. 3250 BCE• 1st used to make pottery, still used today• Later used with ploughs, carts, chariots• Vehicles pulled– donkeys/oxen
2. Improve process of pottery making	<ul style="list-style-type: none">• Kiln enclosed oven for baking pottery/bricks• Makes pottery/bricks more durable and hard• Better than sun drying
3. Produce copper in large quantities to make tools and weapons	<ul style="list-style-type: none">• Combined copper and tin to make bronze• Made stronger tools than copper alone• Allowed to build bigger/stronger boats and land vehicles• Could trade with people far away– India
4. Irrigate fields	<ul style="list-style-type: none">• First carried water from rivers to fields• Dug channels and canals, water flowed from rivers to fields
5. Study the stars	<ul style="list-style-type: none">• Priests calculated best time to till fields, plant, harvest crops• Created calendar with 2 seasons– summer and winter• Based on phases of moon• 12 months of 30 days
6. Developed engineering skills	<ul style="list-style-type: none">• Used knowledge of math to build temples, canals, dikes, ditches• Invented number system based on 60, used by astronomers, mathematicians until 1600's• System still used for measuring angles and time
7. Develop efficient numbering system	<ul style="list-style-type: none">• 300 BCE clay tablets shown simple recording system• As cities grew, Sumerians developed system that separates symbol of item from amount• New system helpful with large quantities
Connections and Reflections (Summary)	<p>The civilization of the Sumerians has left behind many contributions to our society today, such as the system the Sumerians invented for angles and time. We still use the pottery wheel, kilns and we still follow the number system. We also use the number system for months and the number of the days in a year. I can relate to the contributions of the Sumerians left by following a similar number system today.</p>